

FUNGICIDES (Fargro Horticultural Sundries Catalogue)

This is a catalogue of products for Fargro's South East UK distribution area only.

Unless otherwise indicated these products are for professional use only; operators must have had training and be suitably qualified to use them.

For approved pesticide products, details of any Specific Off Label Approvals (SOLAs) or any use under the Long Term Arrangements for Extension of Use (LTAEU) have not been listed here.

Any approved pesticide product must be stored and used in accordance with the code of practice on pesticide use. Details on pesticide training, regulations, the code of practice on pesticide use, approvals and any allowable off label use are available from the [Chemicals Regulation Directorate website - www.pesticides.gov.uk](http://www.pesticides.gov.uk).

Information is believed to be correct at time of compilation but pesticide approvals and products change frequently. Products and or approval numbers listed here may no longer be valid. Similar products may replace those listed.

More information on the products may be available from the manufacturer's own website or contact Fargro.

If you require a specific product not listed here please contact us as we can usually help.

AQ10

Active Ingredient: spores of a naturally occurring fungus, 58% w/w *Ampelomyces quisqualis* strain M-10 (minimum of 5.0 x 10⁹ spores / g)

Formulation Type: WG **MAPP No:** 15518

Harvest Interval: Nil.

Control: Biological control for powdery mildews.

Crops: Protected crops of: aubergine, courgette, cucumber, melon, pepper, pumpkin, tomato, strawberry and winter squash.

Application Method: Spray.

Application Rate:

35 to 70 g/ha.

Comment: [For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for

"Fungicides"

Fargro Code: AQ10 (10g).



BELCHIM

BASILEX

Active Ingredient: 50% w/w tolclofos-methyl.

Formulation Type: WP **MAPP No:** 07494

Harvest Interval: Pre-planting for edible crops.

Control: Protection against *Rhizoctonia* (wirestem).

Crops: Most ornamentals (ornamental plant production), cabbage, cauliflower, calabrese, Chinese cabbage, Brussels sprouts and protected lettuce.

Application Method: Spray to soil surface or drench. For established seedlings and pot plants apply as a drench and rinse off foliage with plain water.

Application Rate: 20 kg / ha.

Comment: Not recommended for use on heathers.

Fargro Code: BAX (1 kg).

SCOTTS

ALIETTE 80WG

Active Ingredient: 800 g/kg (80% w/w) fosetyl-aluminium.

Comment: No longer available.

CERTIS

BRAVO 500

Active Ingredient: 500 g/l (40.4% w/w) chlorothalonil.

Formulation Type: SC **MAPP No:** 14548

Crops: Wheat, barley.

Comment: Final sales for Bravo 500 MAPP 10518 with horticulture crop approvals was 31 August 2010.

Fargro Code: To order (10 litres).

SYNGENTA

AMISTAR

Active Ingredient: 250 g/l (23.1% w/w) azoxystrobin.

Formulation Type: SC **MAPP No:** 10443

Harvest Interval: Various depending on crop.

Control: A broad spectrum systemic translaminar protectant fungicide. Includes leaf spot, rust, powdery mildew, downy mildew and *Sclerotinia*.

Crops: Named cereals, combining and vining peas, bulb onions, leeks, carrots, field beans, potato, oilseed rape. Outdoor crops of: asparagus, Brussels sprouts, cabbage, cauliflower, kale, collards, broccoli and calabrese.

Application Method: Foliar spray, except potatoes.

Application Rate: 1 litre per hectare, except potatoes.

Comment: Do not apply more than 2 sprays of a product containing Qol fungicides.

Fargro Code: AMIST (5 litres).

SYNGENTA

BUMPER 250 EC

MAKHTESHIM AGAN

Active Ingredient: 250 g/l (21.7%) propiconazole.

Formulation Type: EC **MAPP No:** 14399

Harvest Interval: Variable depending on crop.

Control: Powdery mildew, rust, leaf spot, net blotch and sooty mould, light leaf spot and *Ramularia betae*.

Crops: Named cereals, oilseed rape, sugar beet and agricultural grassland.

Application Method: Spray.

Application Rate: 0.5 l/ha

Fargro Code: BUMP (1 litre).

CERCOBIN WG

CERTIS

Active Ingredient: 700 g/kg thiophanate-methyl.

Formulation Type: WG **MAPP No:** 13854

Control: A systemic fungicide.

Crops: Named cereals.

Application Method: Spray.

Application Rate: 1.1 kg per ha. See label.

Fargro Code: CERC (1 kg)

CONTANS WG**Active Ingredient:** *Coniothyrium minitans* strain CON/M/91-08.**Formulation Type:** WG **MAPP No:** 12616**Control:** *Sclerotinia sclerotiorum* and *Sclerotinia minor*. A biological fungicide with action against the resting sclerotia.**Crops:** All edible and non edible crops.**Application Method:** Spray and incorporation prior to planting. Apply 3 months prior to the onset of disease development - eg apply autumn for a spring planting. Also recommendations for post harvest applications to harvested crop debris.**Application Rate:** 2 - 8 kg per ha according to situation.**Comment:** [For more information see www.fargro.co.uk and look for "Fungicides"](#)**Fargro Code:** CONTANS (4 kg).**BELCHIM****FRUPICA SC****Active Ingredient:** 449.4g/l (40%) mepanipyrin.**Formulation Type:** SC **MAPP No:** 12067**Harvest Interval:** 3 days.**Control:** Botrytis.**Crops:** Outdoor and protected strawberries.**Application Method:** Spray.**Application Rate:** 0.68 - 0.9 l / ha. Maximum number of applications: 2 per crop.**Fargro Code:** FRUP (1 litre).**CERTIS****FUBOL GOLD WG****SYNGENTA****Active Ingredient:** 3.88% w/w metalaxyl-M and 64% w/w mancozeb.**Formulation Type:** WG **MAPP No:** 14605**Harvest Interval:** 7 days (potatoes), 28 days (bulb onions and shallots).**Control:** Foliar blight on potatoes, downy mildew on bulb onions and shallots.**Crops:** Potatoes, bulb onions and shallots.**Application Method:** Spray.**Application Rate:** 1.9 kg / ha.**Maximum number of applications:** 3.**Fargro Code:** FUBGOLD (7.6 kg).**CROPTEX FUNGEX****CERTIS****Comment:** No longer available.**CUPROKYLT FL UNIVERSAL CROP PROTECTION****Active Ingredient:** 270 g/l copper (copper oxychloride)**Formulation Type:** SC **MAPP No:** 08299**Harvest Interval:** Varies according to crop and stage of growth.**Control:** Protectant broad spectrum fungicide. Bacterial canker, black rot, potato blight, buck-eye rot, cane spot, canker, leaf spot, damping off, downy mildew, leaf curl, *Pythium*, *Phytophthora* and rust.**Crops:** Apples, pears, cherries, plums, peaches, loganberries, raspberries, blackcurrants, hops, potatoes, outdoor and protected tomatoes and celery.**Application Method:** Spray.**Application Rate:** 1.5 - 5 litres per 1,000 litres water according to crop and situation.**Fargro Code:** CUPRY (5 litres).**FUNGAFLOR 100EC****CERTIS****Comment:** Not available. Approval for use ended 30/06/2010.**KARAMATE DRY FLO NEOTEC****LANDSEER****Active Ingredient:** 75% w/w mancozeb.**Formulation Type:** WG **MAPP No:** 14632**Harvest Interval:** Variable according to crop.**Control:** A protectant fungicide. Apple and pear scab, downy mildew, tulip fire, ray blight, black spot and rust.**Crops:** Apple, pear, wine grape, bulb onion (outdoor), shallot (outdoor), courgette (outdoor), carrot (outdoor), parsnip (outdoor), amenity vegetation, ornamental plant production (outdoor).**Application Method:** Spray.**Application Rate:** Variable depending on crop.**Fargro Code:** To order (10 kg).**FENOMENAL****BAYER CROPSCIENCE****Active Ingredient:** 60 g/ kg fenamidone and 600 g/kg fosetyl-aluminium.**Formulation Type:** WG **MAPP No:** 15494**Harvest Interval:** Strawberries 35 days.**Control:** Soil borne *Phytophthora* and *Pythium* species.**Crops:** Outdoor strawberry, container grown ornamental plant production, cut flower ornamentals in glasshouse soil or on artificial substrate.**Application Method:** Plant dip, drench, spray, drip irrigation or growing media incorporation.**Application Rate:** 50 - 150 g/100 litres drench, 3 - 30 kg/ha drench, 150 g/100 litre (3 kg per ha) dip, 4.5 kg per ha spray, 100g per cubic metre according to crop and situation.**Fargro Code:** FENO (1 kg).**MICROTHIOL SPECIAL****CEREXAGRI SA****Active Ingredient:** 80% w/w sulphur.**Formulation Type:** WG **MAPP No:** 06268**Harvest Interval:** Variable depending on crop or situation.**Control:** Powdery mildew and prevention of sulphur deficiency.**Crops:** Apple, named cereals, blackcurrant, gooseberry, grapevine, hop, strawberry, sugar beet, swede and turnip.**Application Method:** Spray.**Application Rate:** 2 - 6 kg /1000 litres water or 2.25 - 11 kg per ha. See label.**Fargro Code:** MICRO (25 kg).

NIMROD**MAKHTESHIM AGAN**

Active Ingredient: 250 g/l (27.2% w/w) bupirimate.

Formulation Type: EC **MAPP No:** 13046

Harvest Interval: 1 to 14 days depending on the crop.

Control: Powdery mildew.

Crops: Apple, pear, strawberry (outdoor and protected), raspberry (outdoor), blackcurrant, hop, marrow and courgette (outdoor), gooseberry, ornamental plant production (chrysanthemum, rose and begonia) and cucumber (protected).

Application Method: Spray.

Application Rate: 0.7 - 2.8 litres / ha. 70 - 380 ml / 100 litres, depending on the crop.

Fargro Code: NID (1 litre).

OCTAVE**SCOTTS**

Active Ingredient: 46% w/w prochloraz.

Formulation Type: WP **MAPP No:** 11741

Control: A broad spectrum non systemic fungicide with strong contact and translaminar action. Control includes: Leaf spots, *Botrytis cinerea*, *Cylindrocladium* spp., *Glomirella* spp., *Pestalotiopsis* spp., basal rots, root rots, wilts, *Fusarium* spp., *Phomopsis* spp., *Diplocarpon rosae* (black spot), powdery mildew.

Crops: A wide range of hardy, woody, and soft ornamental plants.

Application Method: Dip, drench or spray.

Application Rate: 5 - 20g / 10 litres water.

Fargro Code: OCT(1 kg).

PLOVER**SYNGENTA**

Active Ingredient: 250 g/l (23.4% w/w) difenoconazole.

Formulation Type: EC **MAPP No:** 11763

Harvest Interval: Variable depending on crop and situation.

Control: *Septoria tritici*, brown rust, *Alternaria* spp, stem canker (*Phoma lingam*) and ring spot.

Crops: Winter wheat, oil seed rape, Brussels sprouts, cabbage, broccoli / calabrese, and cauliflower.

Application Method: Spray.

Application Rate: 0.3 - 0.5 litre / ha.

Fargro Code: To order (1 litre).

POTASSIUM BICARBONATE

Active Ingredient: Food grade potassium hydrogen carbonate (bicarbonate).

Crops: Protected and outdoor crops.

Application Method: Foliar spray.

Comment: This is sold as a 'commodity substance'. Fungicide use is allowed under a "Commodity Substance Approval" if still extant. There are no label recommendations and all risk remains with the user. Phytotoxicity is known to occur.

Fargro Code: BICARB (25 kg).

PRESTOP**FARGRO**

Active Ingredient: A nominal 2×10^8 cfu/g product of the microorganism, *Gliocladium catenulatum* strain J1446 (32% w/w)

Formulation Type: WP **MAPP No:** 15103

Harvest Interval: Nil.

Control: Damping off and root diseases caused by *Pythium* spp., *Phytophthora* spp., *Rhizoctonia* and *Fusarium* spp.; foliar diseases gummy stem blight (*Didymella* sp.) and grey mould (*Botrytis* sp.).

Crops: All edible crops and all non-edible crops (protected) and outdoor strawberry.

Application Method: via drip irrigation, by growing media incorporation, as a drench treatment or as a foliar spray treatment

Application Rate:

Foliar applications and drench treatments use 100g per 20 litres, for growing media incorporation use between 200 and 500g per 1000 litres growing media. See label for full details.

Comment: [For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for "Fungicides"

Fargro Code:

PREST (100g).
PREST1KG (1kg).

**PROPLANT****AGRIPHAR**

Active Ingredient: 722 g/l (62.9% w/w) propamocarb hydrochloride.

Formulation Type: SO **MAPP No:** 15422

Control: *Pythium* spp, *Phytophthora* spp, and *Peronospora parasitica*.

Crops: Protected: broccoli/calabrese, Brussels sprouts, cauliflower.

Application Method: Drench.

Application Rate: 5ml/m².

Comment: [For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for "Fungicides"

Fargro Code: PROPLC (1 litre).

**REPULSE****CERTIS**

Active Ingredient: 500 g/l (40% w/w) chlorothalonil

Comment: No longer available. See also Bravo 500.

ROVRAL WG**BASF**

Active Ingredient: 750 g / kg iprodione.

Formulation Type: WG **MAPP No:** 13811

Harvest Interval: Varies according to crop.

Control: A protectant fungicide for control of *Botrytis cinerea* and *Alternaria* spp.

Crops: Ornamental pot plants, tomatoes (protected), lettuce (outdoor and protected), strawberries (outdoor and protected), raspberries (outdoor), named brassica seed production crops, oilseed rape, Brussels sprouts, cauliflower, salad and bulb onion.

Application Method: Variable, depending on crop and use.

Application Rate: Variable, depending on crop and situation.

Fargro Code: ROVRW1 (1 kg).

SCALA

Active Ingredient: 400 g/l (37.4% w/w) pyrimethanil.
Formulation Type: SC **MAPP No:** 15222
Harvest Interval: 56 days before harvest. Strawberries 3 days.
Control: Leaf scab and *Botrytis*.
Crops: Apples and strawberries.
Application Method: Spray.
Application Rate: Apple 1.125 litres / ha; strawberries 2 litres per hectare.
Comment: Maximum number of applications: 4 per year on apple, 2 per year on strawberries.
Fargro Code: SCALA (1 litre).

BASF**SERENADE ASO**

Active Ingredient: 13.96 g/l (a minimum of 1.042×10^{12} cfu/l *Bacillus subtilis* strain QST 713)
Formulation Type: SC **MAPP No:** 15625
Control: *Botrytis cinerea*. A biological fungicide.
Crops: Protected strawberry.
Application Method: Foliar spray.
Application Rate: 10 litres per ha.
Fargro Code: SERA10 (10 litres).

BASF**SIGNUM**

Active Ingredient: 26.7% w/w boscalid and 6.7% w/w pyraclostrobin.
Formulation Type: WG **MAPP No:** 11450
Harvest Interval: Broccoli, Brussels sprouts, cabbage, calabrese, cauliflower, lettuce, vining peas and carrot 14 days; field beans and combining peas 21 days; strawberry and blackcurrant 3 days.
Control: Protectant and systemic fungicide. Diseases controlled include American gooseberry mildew, blackcurrant leaf spot, *Botrytis*, *Rhizoctonia*, bean rust, chocolate spot, white blister, dark leaf spot, ringspot, *Sclerotinia* spp, powdery mildew, *Alternaria* leaf blight, pea leaf and pod spot.
Crops: Blackcurrant, broccoli, Brussels sprouts, cabbage, calabrese, cauliflower, carrots, field beans, lettuce (April to October), strawberry, combining and vining peas.
Application Method: Foliar spray.
Application Rate: 0.75 - 1.8 kg per ha according to crop.
Fargro Code: SIG (2.5 Kg).

BASF**STROBY WG**

Active Ingredient: 50% w/w kresoxim-methyl.
Formulation Type: WG **MAPP No:** 08653
Harvest Interval: Variable depending on crop or situation.
Control: Apple scab, powdery mildew and rose blackspot.
Crops: Apples, strawberries (outdoor and protected), blackcurrants (outdoor) and ornamental plant production (roses outdoor and protected).
Application Method: Foliar spray.
Application Rate: 0.2 - 0.3 kg per ha.
Fargro Code: STROBY (600 g).

BASF**SUBDUE**

Active Ingredient: 465 g/l (44.7% w/w) metalaxyl-M.
Formulation Type: SO **MAPP No:** 12503
Control: A systemic phenylamide fungicide with protective and curative activity. *Pythium* spp. and *Phytophthora* spp.
Crops: Outdoor and protected ornamental crops and flower bulbs.
Application Method: Growing media incorporation, drench or high volume spray (followed by overhead irrigation).
Application Rate: Variable depending on crop and or situation.
Comment: [For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for "Fungicides"
Fargro Code: SUB (250 ml).

**SYNGENTA****SWITCH**

Active Ingredient: 37.5% w/w cyprodinil and 25% w/w fludioxonil
Formulation Type: WG **MAPP No:** 15129
Harvest Interval: Between 3 and 28 days depending on crop.
Control: Outstanding *Botrytis* (grey mould) control with activity against a range of other fungal diseases including *Alternaria*, *Ascochyta*, *Colletotrichum*, *Fusarium*, *Gloeosporium*, *Monilinia*, *Mycosphaerella*, *Nectria*, *Penicillium*, *Sclerotinia*, *Stemphylium* and *Venturia*.
Crops: Fresh beans (green, runner, broad), dried beans (dwarf French bean, navy bean [phaseolus], kidney beans, haricot beans, dried broad beans), vining pea and edible podded pea, dried peas (combining peas including marrowfat), carrots, celeriac, protected and outdoor strawberry, protected and outdoor raspberry and blackberry, outdoor crops of blueberry, bilberry, cranberry, redcurrant, blackcurrant, whitecurrant, gooseberry, top fruit (apple, pear, quince, crab apple), ornamental plant production and forestry nursery
Application Method: Foliar spray.
Comment: [For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for "Fungicides"
Application Rate: 0.8 - 1 kg / ha.
Fargro Code: SWI (1 kg).

SYNGENTA**SYSTHANE 20 EW**

Active Ingredient: 200 g/l (20% w/w) myclobutanil.
Formulation Type: EW **MAPP No:** 09396
Harvest Interval: Apples, pears, blackcurrants, gooseberries 14 days, strawberries 3 days,
Control: A systemic fungicide with protectant and curative activity for the control of apple scab, pear scab, powdery mildew, blackspot and rust.
Crops: Apples, pears, blackcurrants, gooseberries, strawberries and ornamental plant production (outdoor roses and ornamentals).
Application Method: Foliar spray.
Application Rate: 0.23 - 0.45 litres / ha depending on crop or situation. Ornamental plant production 225 ml / 750 litres.
Fargro Code: SYST20 (1 litre).

LANDSEER

T34 BIOCONTROL**FARGRO**

Active Ingredient: 10.83 % w/w (1.0 x 10¹² cfu/kg) *Trichoderma asperellum*, strain T34.

Formulation Type: WP **MAPP No:** 15603

Harvest Interval: Nil.

Control: Biofungicide for the reduction of *Fusarium oxysporum* f.sp. *dianthi* on carnations (*Dianthus* species).

Crops: Protected container grown carnations.

Application Method: via drip irrigation, by growing media incorporation, as a drench treatment.

Application Rate:

10 g product / m³ compost or soil incorporation prior to sowing or planting,

0.5 g product / m² drench, 0.01 g

product / l root dip, 5 g product / m³

growing media treatment by irrigation.

Comment: [For more information see](http://www.fargro.co.uk)

www.fargro.co.uk and look for

"Fungicides".

Fargro Code:

T34-100 (100g).

T34-500 (500g).

**TELDOR****BAYER CROPSCIENCE**

Active Ingredient: 50% w/w fenhexamid.

Formulation Type: WG **MAPP No:** 11229

Harvest Interval: 1 to 21 days depending on crop.

Control: *Botrytis*.

Crops: Strawberries, raspberries, loganberries, blackberries, other *Rubus* hybrids, blackcurrants, redcurrants, whitecurrants, gooseberries and outdoor grapes.

Application Method: Spray.

Application Rate: 1.5 kg per hectare.

Fargro Code: TELD (1 kg).

THIANOSAN DG**UNIVERSAL CROP PROTECTION**

Active Ingredient: 80% w/w thiram.

Formulation Type: WG **MAPP No:** 13404

Harvest Interval: 7 to 35 days.

Control: A protectant fungicide for the control of various diseases including *Botrytis*, rust and control of apple scab and pear scab.

Crops: Apples, pears, strawberries, tulips, carnations, chrysanthemums, freesias, ornamental pot plants and nursery stock.

Application Method: Spray.

Application Rate: 2 - 4 kg /1000 litres water or 2 - 3 kg per ha.

See label.

Comment: Label change March 2009.

Fargro Code: THWT (5 kg).

THIOVIT JET**SYNGENTA**

Active Ingredient: 80% w/w sulphur.

Formulation Type: WG **MAPP No:** 10928

Harvest Interval: Variable depending on crop and situation.

Control: Powdery mildew and prevention of sulphur deficiency.

Crops: Sugar beet, swedes and hops.

Application Method: Spray.

Application Rate: 10 - 11 kg / ha.

Fargro Code: THIOV (20 kg).

The formulation types listed are:

BB: Block Baits

CR: Crystals

EC: Emulsifiable Concentrate

EW: Oil in Water Emulsion

FU: Smoke Generator

FW: Gas Generating Pellets

GR: Granules

LI: Liquid, Specified

ME: Micro-emulsion

PA: Paste

PT: Pellets

RH: Ready to use

SC: Suspension Concentrate

SG: Soluble Granule

SL: Water Soluble Powder

SO: Soluble Concentrate

TB: Tablets

WG: Water Dispersible Granule

WP: Wettable Powder

USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

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